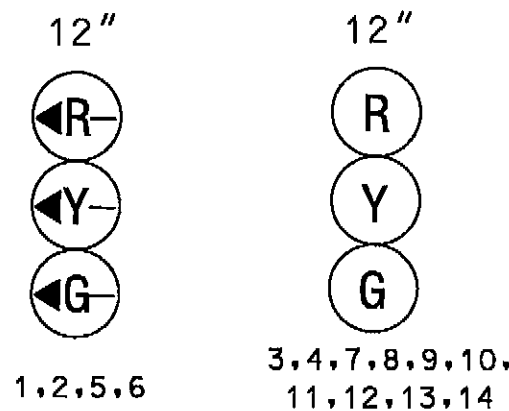
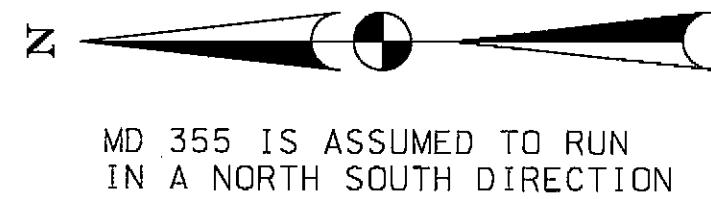


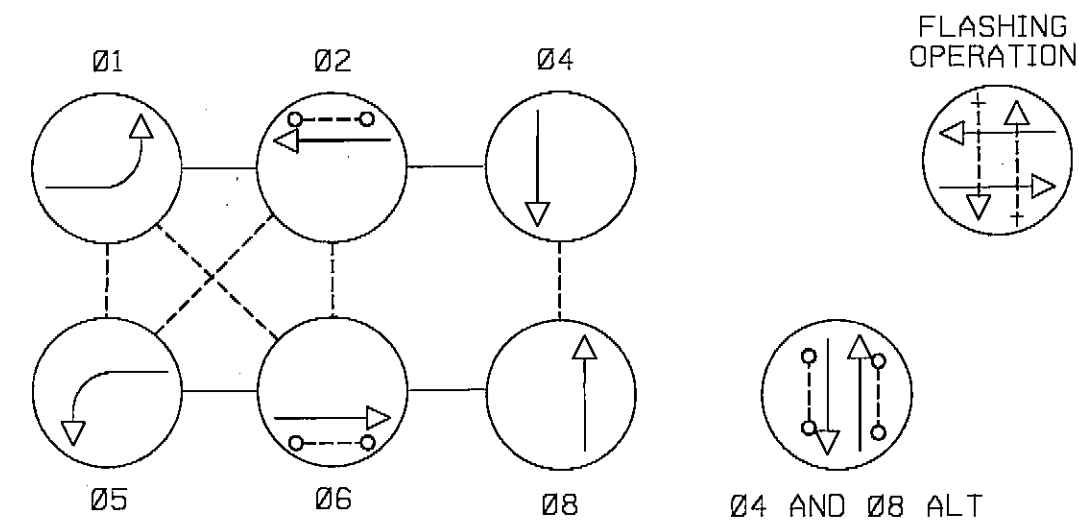
PROPOSED SIGNALS



PROPOSED VIDEO DETECTION CAMERA

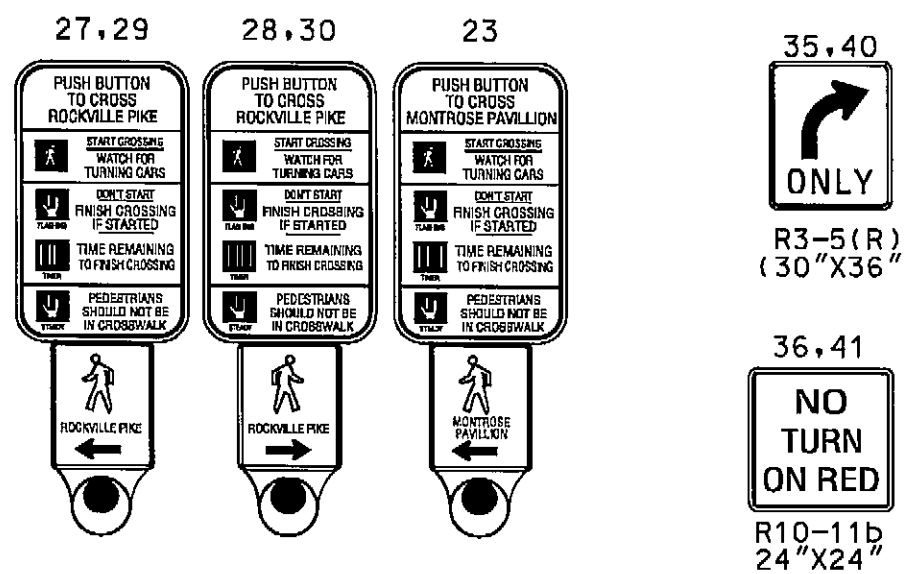
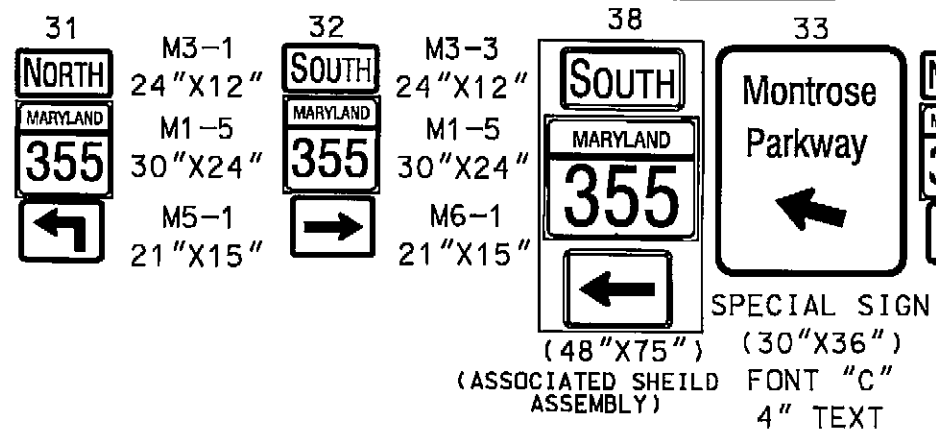


NEMA PHASING

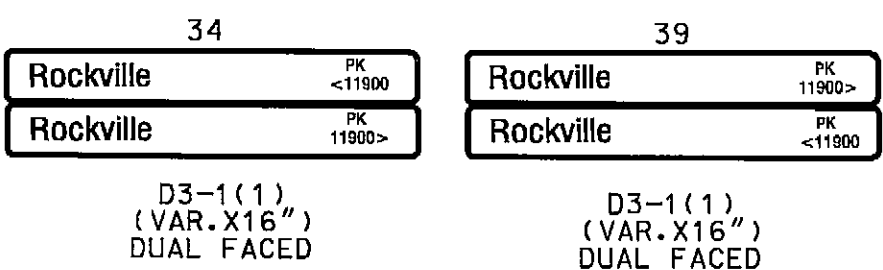


NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

PROPOSED SIGNS



R10-11b (30"X36") (TO BE INSTALLED WITH APS PUSH BUTTON)



CONSTRUCTION DETAILS

- INSTALL CONCRETE FOUNDATION WITH ONE 20' STEEL POLE AND ONE 70' MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS AND VIDEO DETECTION CAMERAS MOUNTED ON THE MAST ARM AS INDICATED (1-3" CONDUIT BEND).
- INSTALL CONCRETE FOUNDATION WITH ONE 20' STEEL POLE AND ONE 60' MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS AND VIDEO DETECTION CAMERAS MOUNTED ON THE MAST ARM AS INDICATED (1-3" CONDUIT BEND).
- INSTALL CONCRETE FOUNDATION WITH ONE 27' STEEL POLE AND ONE 38' MAST ARM, TRAFFIC SIGNAL HEADS, PEDESTRIAN SIGNAL HEAD, SIGNS AND OVERHEAD VIDEO DETECTION CAMERA MOUNTED ON THE MAST ARM, 10' LIGHTING ARM AND 250 WATT HPS LUMINAIRE (1-3" CONDUIT BEND).
- INSTALL CONCRETE FOUNDATION WITH ONE 10' PEDESTAL POLE CUT IN TO 5', APS PUSH BUTTON AND SIGNS. (1-3" CONDUIT BEND). (MD. STD. NO. 801.01-01 AND 816.16-01)
- INSTALL CONCRETE FOUNDATION WITH ONE 10' PEDESTAL POLE, PEDESTRIAN SIGNAL HEAD, APS PUSH BUTTON AND SIGNS. (1-3" CONDUIT BEND). (MD. STD. NO. 801.01-01 AND 816.16-01).

CONSTRUCTION DETAILS CONT.

- INSTALL A NEMA SIZE 6 BASE MOUNTED CABINET AND CONTROLLER (2-4" AND 2-2" CONDUIT BENDS).
- INSTALL 1-4" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- INSTALL A NEW EMBEDDED METER SERVICE PEDESTAL IN THIS LOCATION TO SERVICE THE NEW SIGNAL CONTROLLER CABINET.
- INSTALL ELECTRICAL HANDHOLE.
- INSTALL 2" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- INSTALL 2-4" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- INSTALL 2-4" SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED.
- FURNISH AND INSTALL 1-4" PVC RISER ON EXISTING UTILITY POLE (1-FOR PEPCO), AND PROVIDE 3-80 FOOT 250 KCMIL CABLES COILED AT BASE FOR PEPCO USE.
- REMOVE EXISTING SIGNAL POLE, SPAN WIRE, SIGNAL HEADS, PEDESTRIAN HEAD, PEDESTRIAN PUSH BUTTON AND SIGNS. (REMOVE FOUNDATION 12" BELOW GRADE).
- REMOVE EXISTING TRAFFIC SIGNAL CONTROLLER.
- ABANDON EXISTING LOOP DETECTOR.
- CAP AND ABANDON EXISTING CONDUIT.
- REMOVE EXISTING HANDHOLE.

CONSTRUCTION DETAILS CONT.

- INSTALL 12-INCH SOLID WHITE NONTOKIC LEAD FREE WATERBORNE PAVEMENT MARKING.
- INSTALL 24-INCH SOLID WHITE NONTOKIC LEAD FREE WATERBORNE PAVEMENT MARKING.
- REMOVE TEMPORARY SIDEWALK IN THIS AREA AFTER SIGNAL WORK IS COMPLETED.
- INSTALL GROUND MOUNT SIGN ON 4"X6" WOOD POLE.

PRIMARY	40'
FUSES	34'
SECONDARY	30'
LUMINAIRE	28'
COMM.	24'
HORIZONTAL	2'



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 355 AT MID PIKE PLAZA
PHASE 2 STAGES 4, 5 AND 6

TEMPORARY TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE 9/11/98 CONTRACT NO. BW-944-801-312

DESIGNED BY COUNTY MONTGOMERY
DRAWN BY TOM ZAYDEL LOGMILE 15035506.50
CHECKED BY Dennis Doda TIMS NO. G248
FAP NO. TOD NO.

TS NO. 2250A DRAWING SP - 18 OF 41 SHEET NO. 22 OF 84

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